

BRUSH SEAL SUPPORT FOR TURBINE APPLICATIONS

ABSTRACT OF THE DISCLOSURE

The brush seal support includes a plurality of female threaded apertures for receiving a male threaded pin or set screw directly threaded to the aperture and staked to the stationary component or threaded to a wire insert, in turn threaded to the aperture. The pin or set screws engage at their distal ends the base of the brush seal segment to maintain the brush seal segment in engagement with the hooks of the groove formed in the stationary component. In this manner, the brush seal is accurately located within the groove and the pins or set screws stabilize the brush seal, preventing flutter and thereby enhance the sealing performance.
